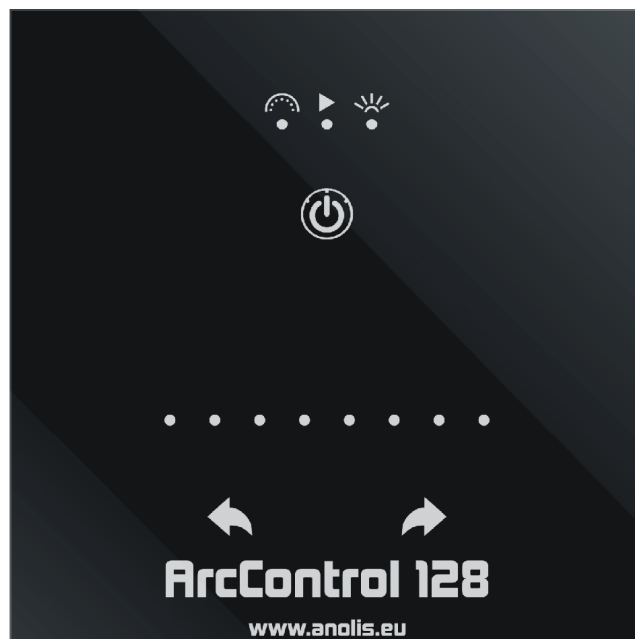




# ArcControl 128



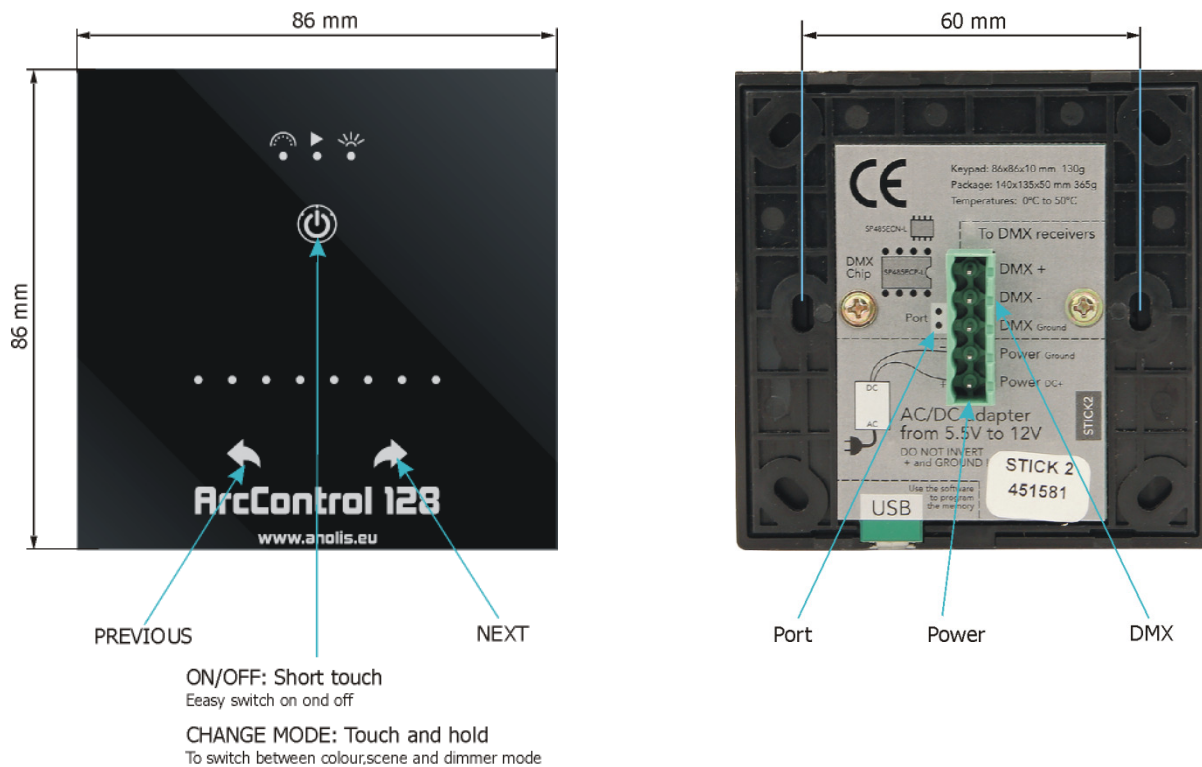
Version 1.0

**USER MANUAL**

## 1. Features

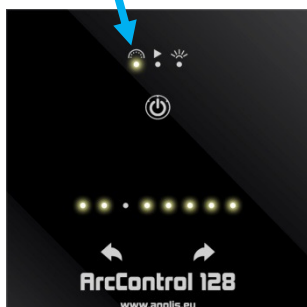
- DMX512 Stand Alone Controller with a glass face
- 128 channels max. (depends on QTY of steps)
- 3 touch sensitive buttons (on/off/mode, previous, next)
- Up to 24 dynamic or static scenes (8 first visualized by a led)
- Live setting of the intensity and color of a scene
- Compatible with any DMX fixture or DMX LED driver.
- Ready to use (pre-loaded with 8 scenes and 42 RGB fixtures)
- 32-bit ARM technology
- Wall mountable
- Programmable through the included USB cable and control software

## 2. ArcControl 128 exterior view



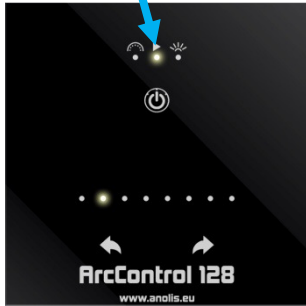
### COLOR MODE

Holding the left or right button allows for direct access to any color. A single touch gives access to the basic colors. Pressing the 2 arrows at the same time will return to the default color. Pressing previous and next simultaneously will reset dimmer/color.



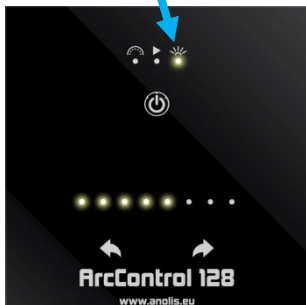
### SCENE MODE

The left and right buttons allow you to change the current scene. A scene can be static (one step) or dynamic (several steps with fade/holdtime).



### DIMMER MODE

The left and right buttons can be used to change the brightness. Pressing the 2 arrows simultaneously will reset to the default level.



## 3. Installation

### 1. Mount an electrical box inside the wall

The ArcControl 128 can be installed in a standard 60mm electrical backbox.  
You can insert the AC/DC adapter (if you use it) inside or outside the backbox.



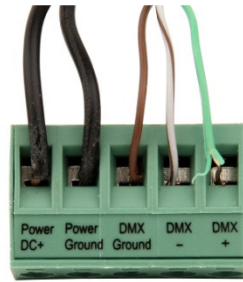
### 2. Connect the wires

DMX: Connect the DMX cable to the lighting receivers (Leds, Dimmers, Fixtures..)

(for XLR: 1=ground 2=DMX- 3=DMX+)

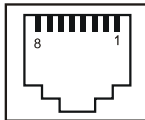
POWER: Connect the AC/DC adapter, 5,5-12V/500mA. Make sure to not invert the + and the ground.

ArcControl 128



**Note:** If you use the following ArcPower drivers: ArcPower 36 (ArcPower SmartWhite 36), ArcPower 72 (ArcPower SmartWhite 72), ArcPower 144 (ArcPower SmartWhite 72), ArcPower 360 (ArcPower SmartWhite 360), you can use +12V on the pin 2 of DMX IN connector for supply of the ArcControl 128:

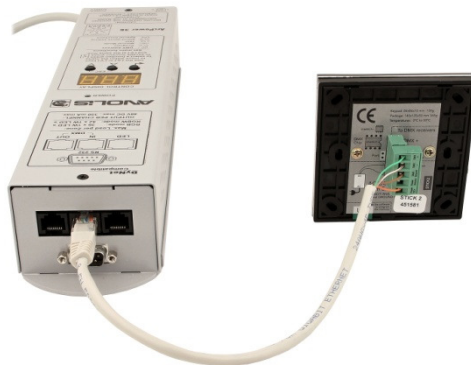
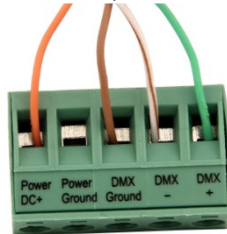
DMX Input



RJ45

Pin No.	Function	Wire	PinNo.	Function	Wire
Pin 1	Not connected		Pin 5	not connected	
Pin 2	+12V	Orange*	Pin 6	Data +	Green*
Pin 3	Not connected		Pin 7	Data -	White/brown*
			Pin 8	GND	Brown

\* the Colours of wires respond standard Patch cabel cat.5. with four twisted pairs



**Note:** ArcPowers /K2 series do not allow to use 12V for supply of the ArcControl 128 (e.g. ArcPower 36/K2....).

### 3. Mount the interface on the wall

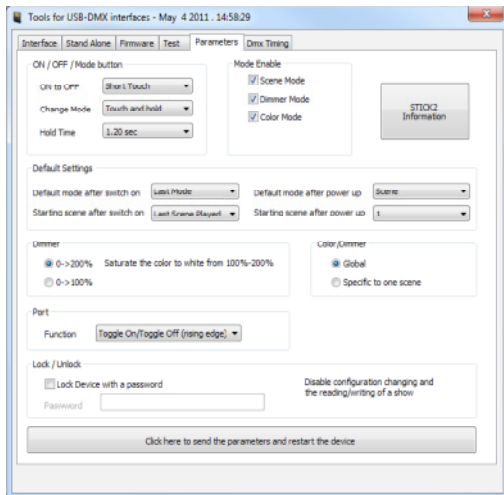
First, plug the 2 connectors (green connector block).

Secondly, mount the back side of the interface on the wall with 2 or more screws.

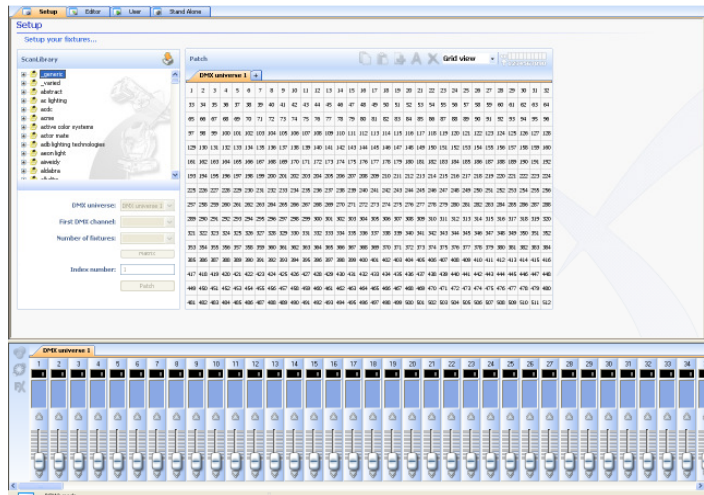
Then, close the unit by clipping the front panel onto the back plate.

## 4. Software

### 1. TOOLS.EXE to set parameter



### 2. ArcControl 128 to program the memory



## 5. Technical specifications

**PC requirement:** Windows XP/VISTA/SEVEN 32/64 bits and USB 2.0

**Software:** ArcControl 128

**Versions:** Black (No. 1080250), White (No. 10080255)

**Connections:** Power (2pins); DMX (3pins); Micro-USB

**Channels:** 128 max. (depends on QTY of steps)

**Power:** from 5.5V to 12V DC

**Keypad dimensions:** 86x86x10 mm

**Keypad weight:** 130g

**IP rating:** IP20

**Ambient operating temperature:** 0°C to 50°C

**Package:** ArcControl 128, USB stick with software (ArcControl 128), USB cable, connector block

**Optional accessories:** AC/DC adapter (No. 1305 1648)

### Available memory

Channels	8	16	32	48	64	80	96	112	128
Steps	326	192	102	68	50	38	31	25	21

*Specifications are subject to change without notice.*

October 25, 2011

Version: 1.0